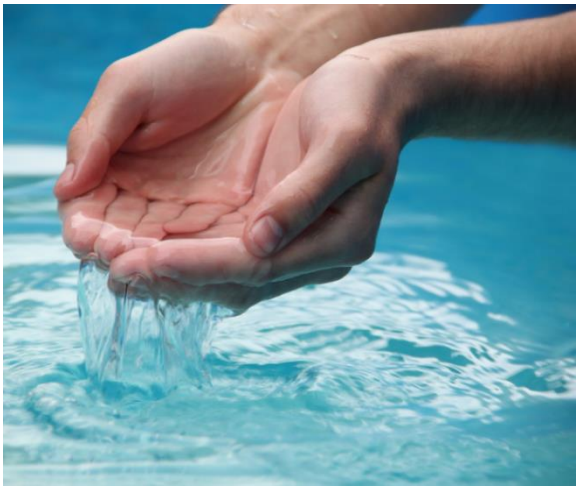
Flow meters for drinking water

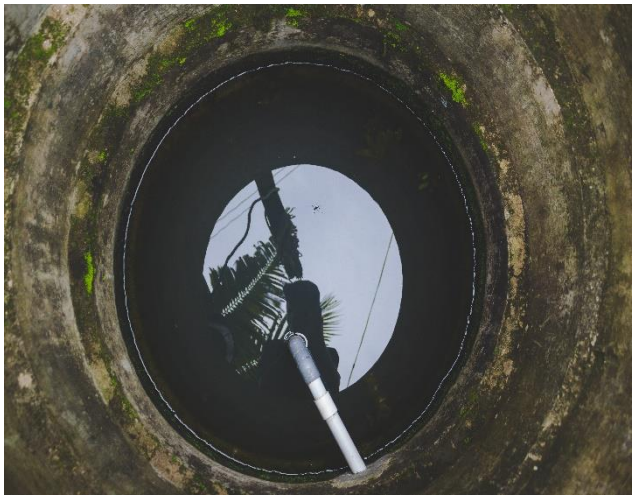


Water is one of the world's most valuable resources. It is necessary for all living things. It is important to treat water with care. Water, particularly drinking water, but also irrigation water, must be regarded as a valuable resource, and its waste should be minimized. One of the earliest and most crucial elements in the good management of drinking water networks is flow monitoring. The harsh conditions that the field instrumentation confront get complicated by the fact that water pipes and mains are frequently underground or submerged.

The volume of water utilized in business and residential buildings is measured using water flow meters. A public water supply system provides water to residences and businesses. Water flow meters can also be used to calculate the flow rate of a segment of the system at water sources or throughout the water system. It becomes essential to get water flow meters that can face harsh conditions (sometimes meters get submerged under water) and yet deliver accurate, reliable results over a long period.

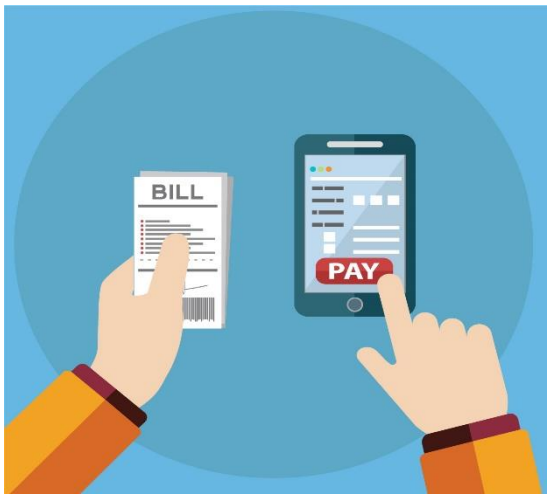
Replenishment of water wells-

For water utility companies, numerous independent well regeneration and maintenance businesses do camera inspections and repair existing water wells and water treatment equipment. There are meadows and forests in several places, and main power is frequently unavailable. For good maintenance and new good construction, water maintenance firms require precise flow measurements. Checking the calibrated amount of water taken from a well to determine how much the water level is reduced is a common part of good treatment. These businesses are required to submit their findings to local governments.



A [battery-operated electromagnetic flow meter] is the best solution where no power supply is available at remote locations. [Clamp-on ultrasonic flowmeters] are utilized in situations where the pipe cannot be removed or when there is insufficient space to install a flowmeter. A [solar powered flow meter] comes handy when there are no power supply arrangements in remote locations.

Billing accuracy with remote transmission-



A water flow meter is essential for accurate flow measurement and accurate billing. Water flow meters monitor water flow while also transmitting consumption data and other information to the water utility or municipality via wireless connection. Inaccuracies can be caused by a variety of factors, including large and undersized meters, leakage, pressure drops, and installation problems. This necessitates the use of a precise flow meter. So that any occurrence or incident in the flow meter can be reported to the water utility or municipality.

Manas can provide an [Electromagnetic Flow Meter as a water flow meter with remote transmission], ensuring a simplified billing process for utilities and municipalities, as well as precise billing to clients and measurement that is free of mistakes and interruptions.